IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

Confirmation No. :

First Named Inventor

: Jack Broomfield LUMLEY

Filed

May 5, 2005

TC/A.U.

Examiner

Docket No.

: 038665.56281US

Customer No.

: 23911

Title

Control Apparatus

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R § 1.97 AND 1.98

1

Mail Stop PCT

; *

May 5, 2005

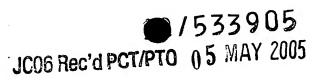
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

Applicant encloses herewith a copy of a corresponding EP and GB Search
Report citing such documents indicating the degree of relevance found by the
foreign office.

The present Information Disclosure Statement is being filed no later than three months from the application's filing date and therefore no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R.§ 1.17(p) is required.



The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

Gary R. Edwards

Registration No. 31,824

CROWELL & MORING LLP Intellectual Property Group P.O. Box 14300

Washington, DC 20044-4300 Telephone No.: (202) 624-2500 Facsimile No.: (202) 628-8844

GRE:kms 374038v1

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number

Complete if Known

Application Number
Filing Date May 5, 2005
First Named Inventor Jack Broomfield LUMLEY

Art Unit

Examiner Name

O38665.56281US

				U.S. PATENT I	DOCUMENTS	
Examiner Initials'	Cite No. ¹	Document Number Number-Kind Code ² (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US- 5,918,697		07/06/1999	Mueller et al	
	AB	US- 4,494,061		01/15/1985	. Kaye	
	AC	US- 2003/0126980	A1	07/10/2003	Barden	
	AD	US- 4,947,070		08/07/1990	Hill et al	
		US-				
	•	US-				
	-	US-				
		US-	1		2 312	
-		US-	<u> </u>			
		US-	1			
		US-				
		US-				
		US-			10 100 -	·
		US-				
		US-	1			
·		US-				
		US-				

FOREIGN PATENT DOCUMENTS									
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т ⁶			
	AE	EP 0 265 738 A2	05/04/1988	British Aerospace Public	- ,, -				
	AF	GB 2 114 717 A	01/21/1983	British Aerospace Public					
		<u> </u>				ļ			
	l	EP:	and GB Search R	 eports					

Examiner	30-30-	Date	
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.